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**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

Claim 1 (Original) An isolated nucleic acid fragment encoding a soybean *myo*-inositol 1-phosphate synthase.

Claim 2 (Original) The nucleic acid fragment of Claim 1 wherein the nucleotide sequence encoding the soybean *myo*-inositol 1-phosphate synthase is substantially similar to the nucleotide sequence set forth in a member selected from the group consisting of SEQ ID NO:1 and SEQ ID NO:15.

Claim 3 (Original) The nucleic acid fragment of Claim 1 wherein the nucleotide sequence encoding the soybean *myo*-inositol 1-phosphate synthase encodes the amino acid sequence set forth in a member selected from the group consisting SEQ ID NO:2 and SEQ ID NO:16.

Claim 4 (Original) The nucleic acid fragment of Claim 1 wherein the nucleotide sequence encoding the soybean *myo*-inositol 1-phosphate synthase is set forth in a member selected from the group consisting SEQ ID NO:1 and SEQ ID NO:15.

Claim 5 (Original) A chimeric gene comprising the nucleic acid fragment of Claim 1 or the complement of the nucleic acid fragment of Claim 1, operably linked to suitable regulatory sequences.

Claim 6 (Original) A chimeric gene comprising a subfragment of the nucleic acid fragment of Claim 1 or the complement of a subfragment of the nucleic acid fragment of Claim 1, operably linked to suitable regulatory sequences, wherein expression of the chimeric gene results in a decrease in expression of an endogenous or native gene encoding a soybean *myo*-inositol 1-phosphate synthase.

Claim 7 (Original) An isolated nucleic acid fragment encoding a mutant *myo*-inositol 1-phosphate synthase having decreased capacity for the synthesis of *myo*-inositol-1-phosphate.

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Claim 8 (Original) The nucleic acid fragment of Claim 7 wherein the nucleotide sequence encoding the mutant *myo*-inositol 1-phosphate synthase is substantially similar to the nucleotide sequence set forth in a member selected from the group consisting SEQ ID NO:5 and SEQ ID NO:11.

Claim 9 (Original) The nucleic acid fragment of Claim 7 wherein the nucleotide sequence encoding the mutant *myo*-inositol 1-phosphate synthase encodes the amino acid sequence set forth in a member selected from the group consisting SEQ ID NO:6 and SEQ ID NO:12.

Claim 10 (Original) The nucleic acid fragment of Claim 7 wherein the nucleotide sequence encoding the mutant *myo*-inositol 1-phosphate synthase is set forth in a member selected from the group consisting SEQ ID NO:5 and SEQ ID NO:11.

Claim 11-33 (Canceled)